

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method of component casting comprising forming a mould with a displaced deflector element adjacent to a part of a principal mould formation whereby the deflector element controls the rate of heat loss from that part of the principal mould formation.
2. (Original) A method as claimed in claim 1 wherein the mould is formed by a lost wax process or stereo lithographic process.
3. (Currently Amended) A method as claimed in claim 1 ~~or claim 2~~ wherein the displaced deflector element is secured to a downpole of the mould.
4. (Currently Amended) A method as claimed in claim 1 ~~or claim 2~~ wherein the displaced deflector element is secured to a separate upstanding leg to present the deflector element to the principal mould formation.
5. (Currently Amended) A method as claimed in claim 1 ~~any preceding claim~~ wherein the deflector element is coated for improved radiation with a low emission material.

6. (Original) A method as claimed in claim 5 wherein the deflector element is coated with a magnesium oxide coating.
7. (Original) A mould for component casting comprising a principal mould formation and a displaced deflector element immediately adjacent a part of the principal mould formation to control in use the rate of heat loss from that part of the principal mould formation.
8. (Original) A mould as claimed in claim 7 wherein the mould includes a downpipe from which the displaced deflector element is secured.
9. (Original) A mould as claimed in claim 7 wherein the mould includes an upstanding leg to present the deflector element to the principal mould formation.
10. (Currently Amended) A mould as claimed in claim 7 ~~any of claims 7 to 9~~ wherein the displaced deflector is coated with a low emission material.
11. (Original) A mould as claimed in claim 10 wherein the low emission material is a magnesium oxide coating.

12. (Currently Amended) A mould as claimed in claim 7 ~~any of claims 7 to 11~~ wherein the displaced deflector element is approximately 2mm to 3mm thick.
13. (Currently Amended) A mould as claimed in claim 7 ~~any of claims 7 to 12~~ wherein the displaced deflector element has a configuration such that there is at least a 15mm wide overlap with the principal mould formation.
14. (Currently Amended) A mould as claimed in claim 7 ~~any claims 7 to 13~~ wherein the mould is formed from a ceramic material located about a wax perform of a desired component casting.
15. (Original) A method of component casting substantially as hereinbefore described with reference to the accompanying drawings.
16. (Original) A mould substantially as hereinbefore described with reference to the accompanying drawings.
17. (Currently Amended) A component casting formed by a method as claimed in claim 1 ~~any claims 1 to 6 or claim 15~~.

18. (Currently Amended) A component casting formed using a mould as claimed in claim 7 ~~any of claims 7 to 14 or claim 16.~~

19. (Currently Amended) An engine incorporating a component casting formed by a method as claimed in claim 1 ~~any of claims 1 to 7 or claim 15.~~

20. (Currently Amended) An engine incorporating a component casting formed using a mould as claimed in claim 7 ~~any of claims 7 to 14 or claim 16.~~

21. (Cancelled) Any novel subject matter or combination including novel subject matter disclosed herein, whether or not within the scope of or relating to the same invention as an~ of the preceding claims.